

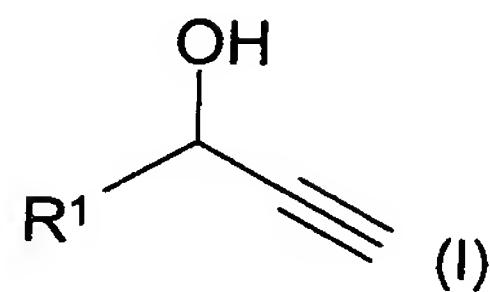
**THE FOLLOWING ARE THE ENGLISH TRANSLATION
OF ANNEXES TO THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT (ARTICLE 34):**

Amended Sheets (Pages 11 and 12)

What is claimed is:

1. A continuous process for preparing a propargyl alcohol of the formula I

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in which R¹ is a C₁₋₃₀-alkyl radical branched on the α -carbon atom, which comprises reacting a corresponding aldehyde of the formula R¹-CHO with acetylene in the presence of ammonia and a catalytic amount of an alkali metal hydroxide, alkaline earth metal hydroxide or alkali metal alkoxide in the range from 0.6 to 10 mol% based on the aldehyde used.

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2. The process according to claim 1, wherein the reaction is carried out at temperatures in the range from 0 to 50°C.

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3. The process according to claim 1 or 2, wherein the reaction is carried out at absolute pressures in the range from 1 to 30 bar.

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4. The process according to any of the preceding claims, wherein the aldehyde and the acetylene are used in a molar ratio in the range of aldehyde:acetylene = from 1:1 to 1:10.

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5. The process according to any of the preceding claims, wherein the catalytic amount of alkali metal hydroxide, alkaline earth metal hydroxide or alkali metal alkoxide is in the range from 1 to 10 mol% based on the aldehyde used.

6. The process according to any of the preceding claims, wherein R¹ is a C₄₋₁₀-alkyl radical branched on the α -carbon atom.

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7. The process according to any of claims 1 to 5, wherein R¹ is 3-heptyl.

8. The process according to any of the preceding claims, wherein conversion to propargyl alcohol is effected by simultaneously metering a stream comprising acetylene and ammonia, a stream comprising the aldehyde and a stream comprising the alkali metal hydroxide, alkaline earth metal hydroxide or alkali metal alkoxide into a reactor.

9. The process according to any of the preceding claims, wherein the alkoxide is a C₁₋₄-alkoxide.

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10. The process according to any of the preceding claims, wherein the alkali metal is sodium or potassium.
- 5 11. The process according to any of the preceding claims, wherein the alkaline earth metal is magnesium or calcium.
12. The process according to any of the preceding claims, wherein the alkali metal alkoxide or metal hydroxide is dissolved or suspended in an alcohol.
- 10 13. The process according to claim 12, wherein the alkali metal alkoxide is dissolved or suspended in the alcohol which corresponds to the alkoxide by protonation.